DRAWINGS

FIG.1

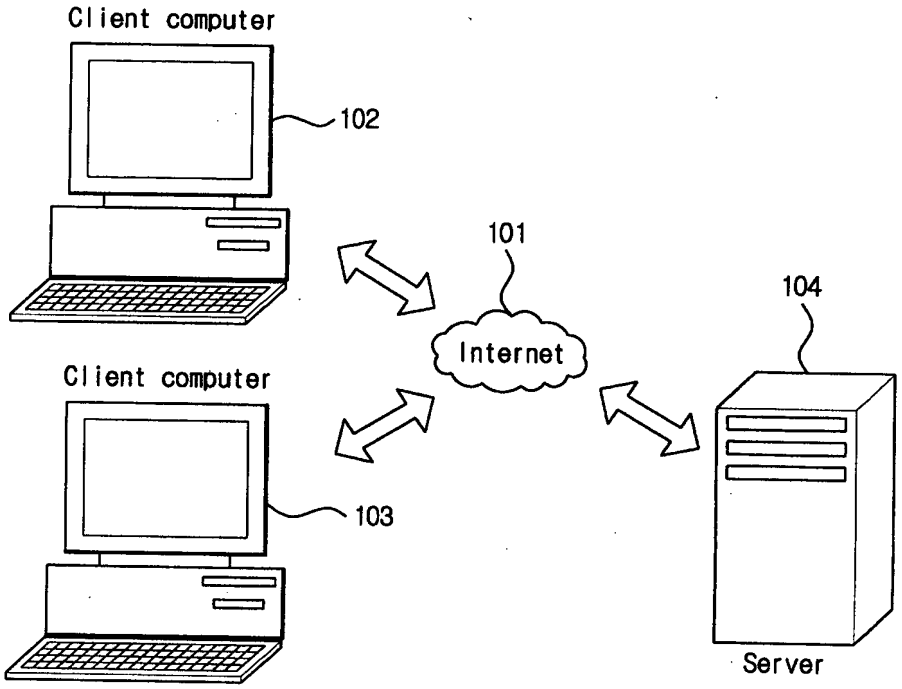

FIG.2

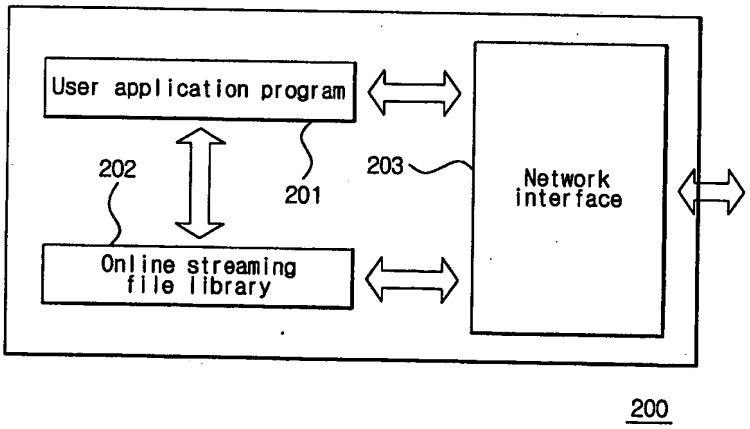

FIG.3

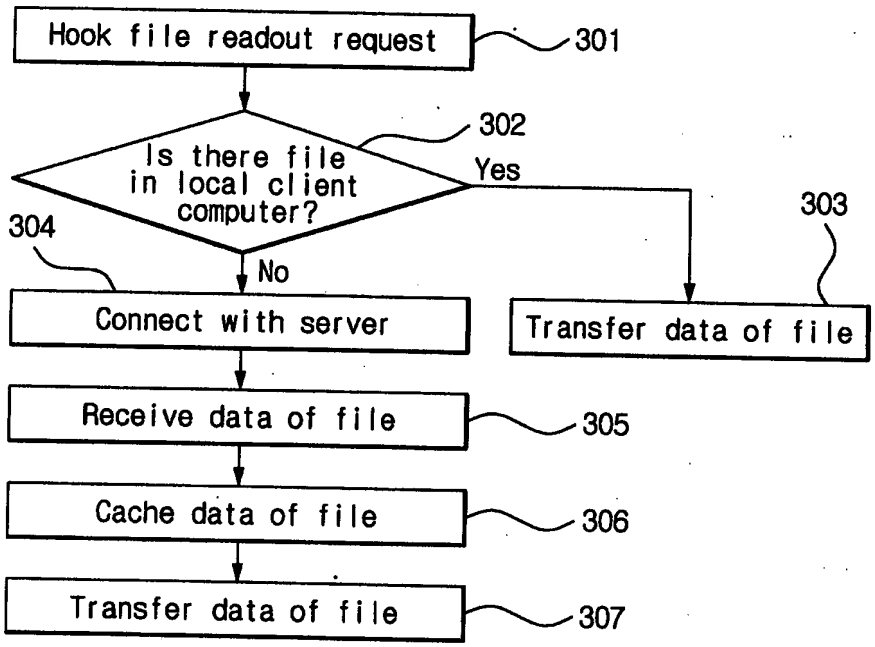
Hook file readout request
301
Is there file in local client computer?
302
Yes
303
304
No
Connect with server
Transfer data of file
Receive data of file
305
Cache data of file
306
Transfer data of file
307

FIG.4

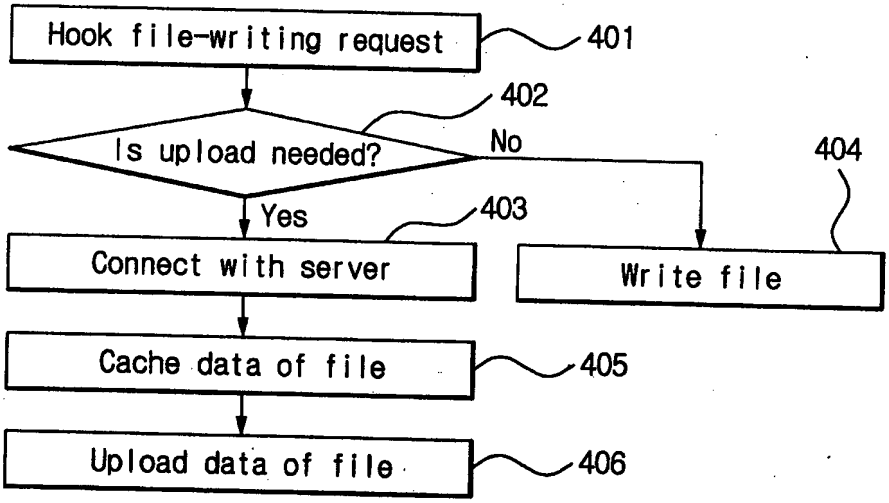
Hook file-writing request
401
402
Is upload needed?
No
404
Yes
403
Connect with server
Write file
Cache data of file
405
Upload data of file
406

FIG.5

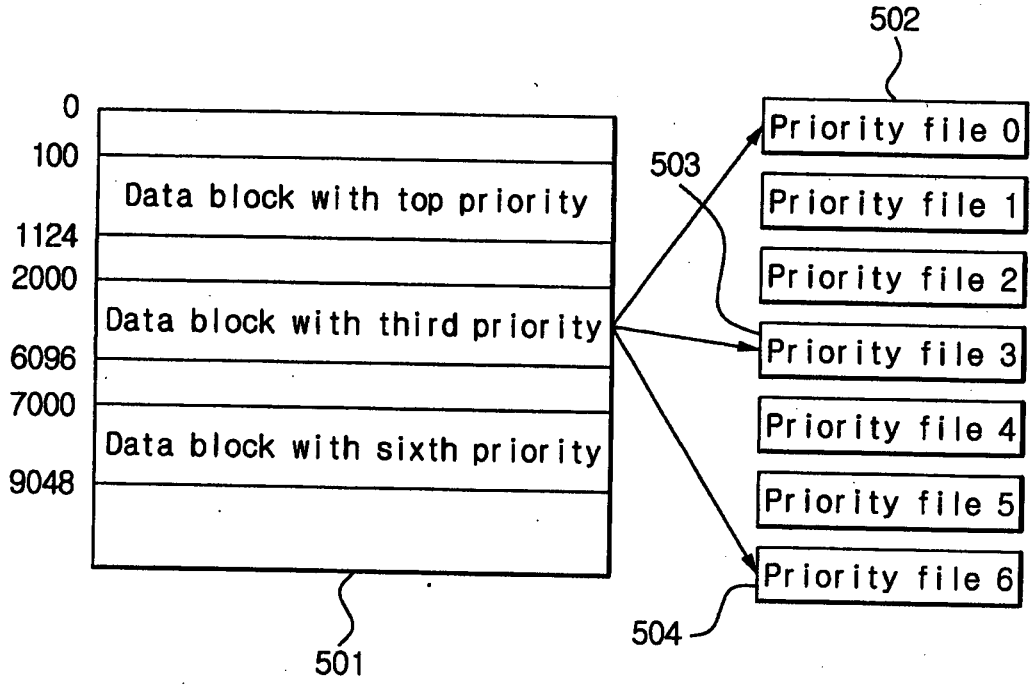

FIG.6

Offset	Size of data block	Priority file identifier
100	1024	0
2000	4096	3
7000	2048	6

600